

**Pre-construction Conference**

**March 26, 2019**



# **Roles and Responsibilities in Project Delivery**

# Poll Question 1

- Prior to today's meeting, did you know about the Integrated Project Delivery effort?

# Poll Question 2

- Do you understand what a Matrix Organization is?

# Objectives

- **Why Are We Implementing IPD?**
- **What Is A Matrix Organization?**
- **How Have Roles And Responsibilities Changed?**
- **How Will These Concepts Be Implemented?**
- **What Comes Next?**
- **Wrap Up**



# Why Are We Implementing IPD?

**Roles & Responsibilities**

# Why All The Changes?



***“A good plan violently  
executed now is better  
than a perfect plan  
executed next week.”***

**- General George S. Patton**

# Integrated Project Delivery

## PROJECT DELIVERY VISION

- A CULTURE where we PROMISE WHAT WE ARE GOING TO DO and DELIVER WHAT WE PROMISE

## COMMITMENT

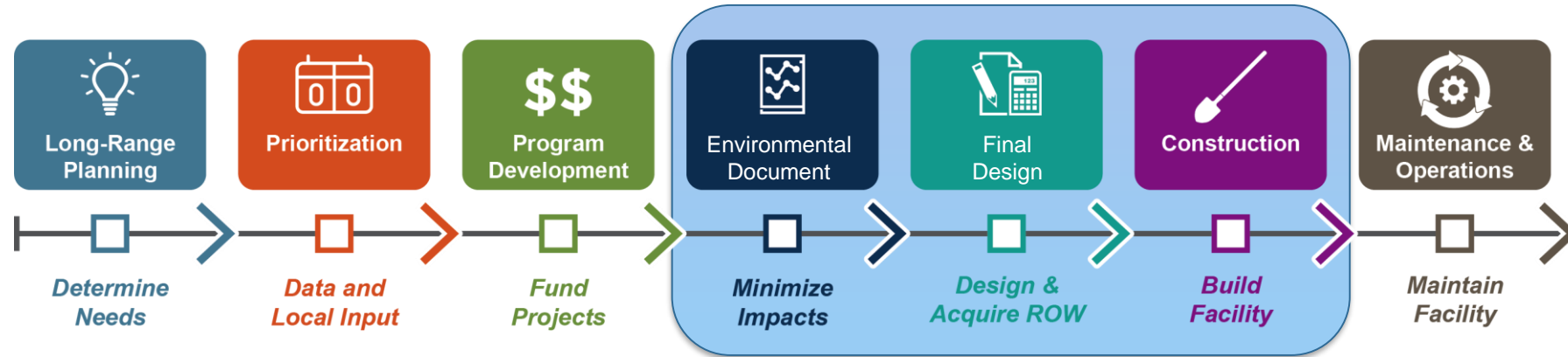
- Developing IPD Business Practices that can withstand changing workforce dynamics and transportation needs well into the future

## DELIVERY IMPROVEMENT KEY

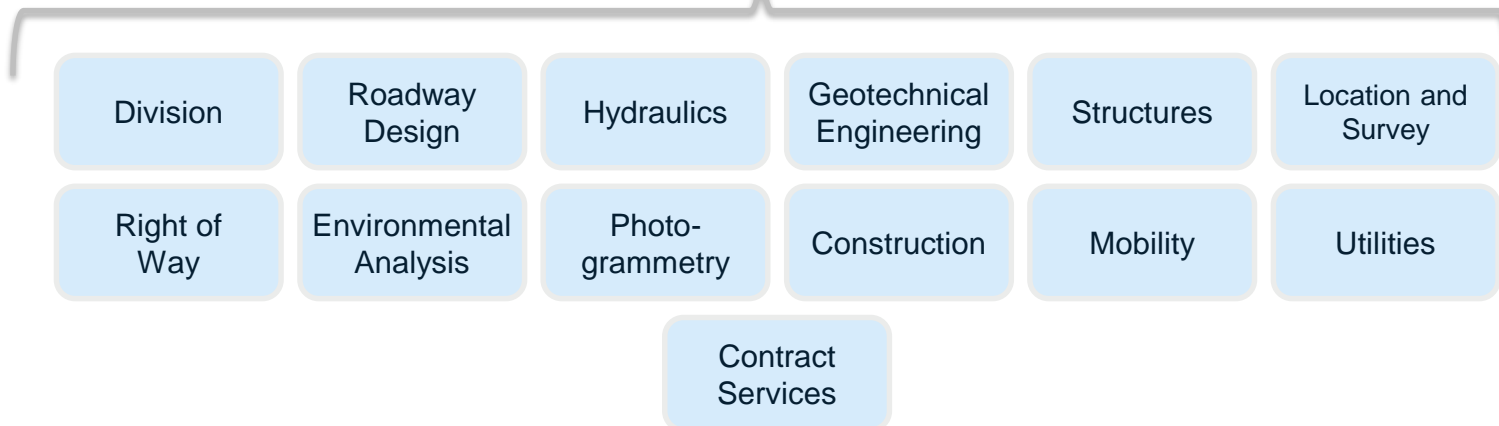
- Implementation of transparent, repeatable and accountable processes that are effective and efficient



# NCDOT Program Delivery



**Project Managers**  
(Constant communication, coordination, and reporting)



**The efficient  
delivery of our  
project and  
overall program  
requires NCDOT  
and our partners  
to...**

**Timely  
Decisions**

**Make timely decisions regarding scope, schedule, budget, and quality**

**Focused  
Work  
Processes**

**Focus on only the work processes and tasks that are required**

**Improve**

**Improve communication, coordination and decision making**

**Accountable**

**Hold ourselves accountable, more than ever, for how well we deliver on our promises and serve our customers**



# What Is A Matrix Organization?

**Roles & Responsibilities**

# This Matrix?



# Why A Matrix Organization?





# Why a Matrix Organization?



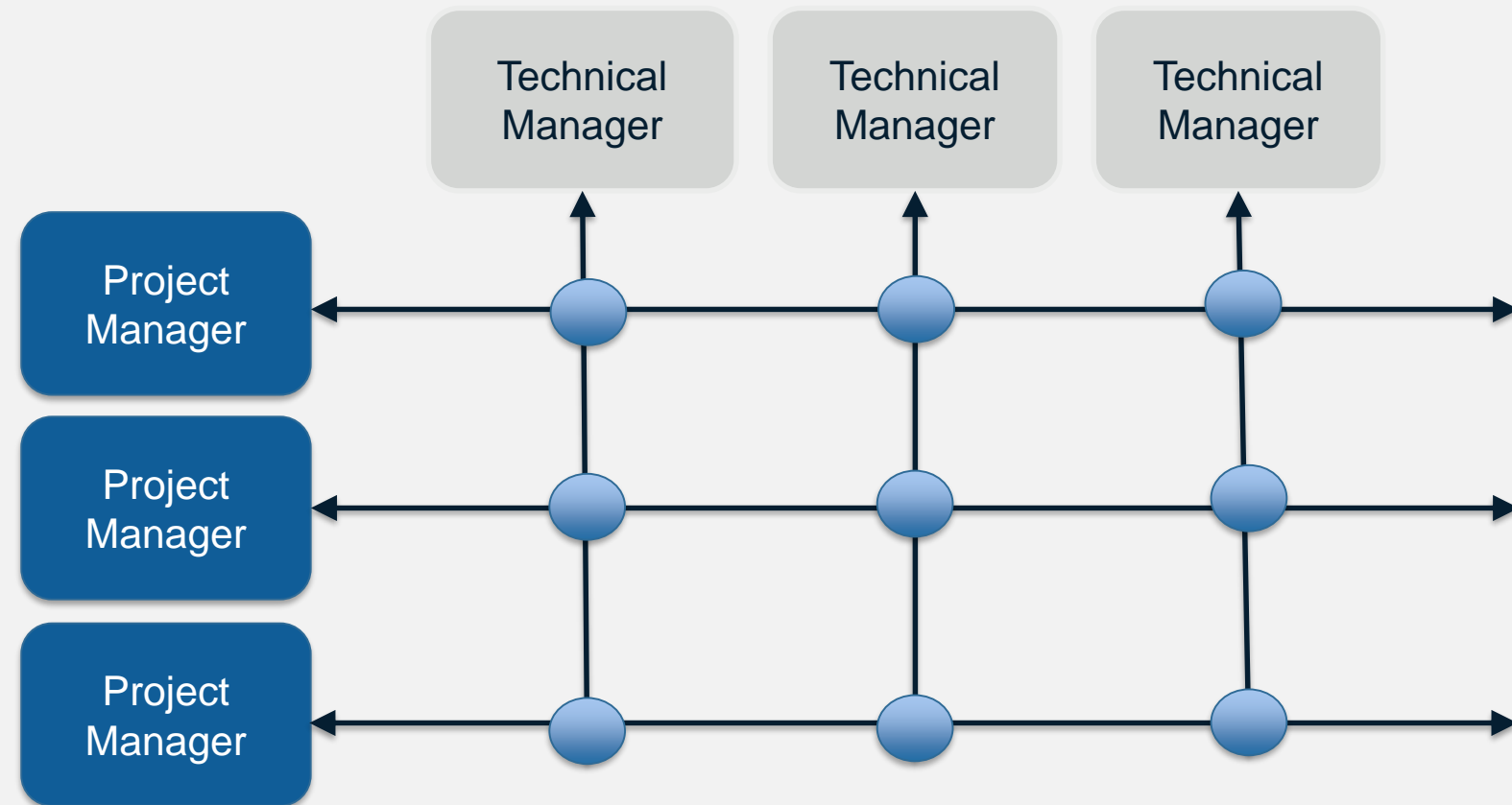
# ENTER THE MATRIX



# NCDOT Matrix Organizational Structure

Technical manager provides technical staff for the project team (internal or external)

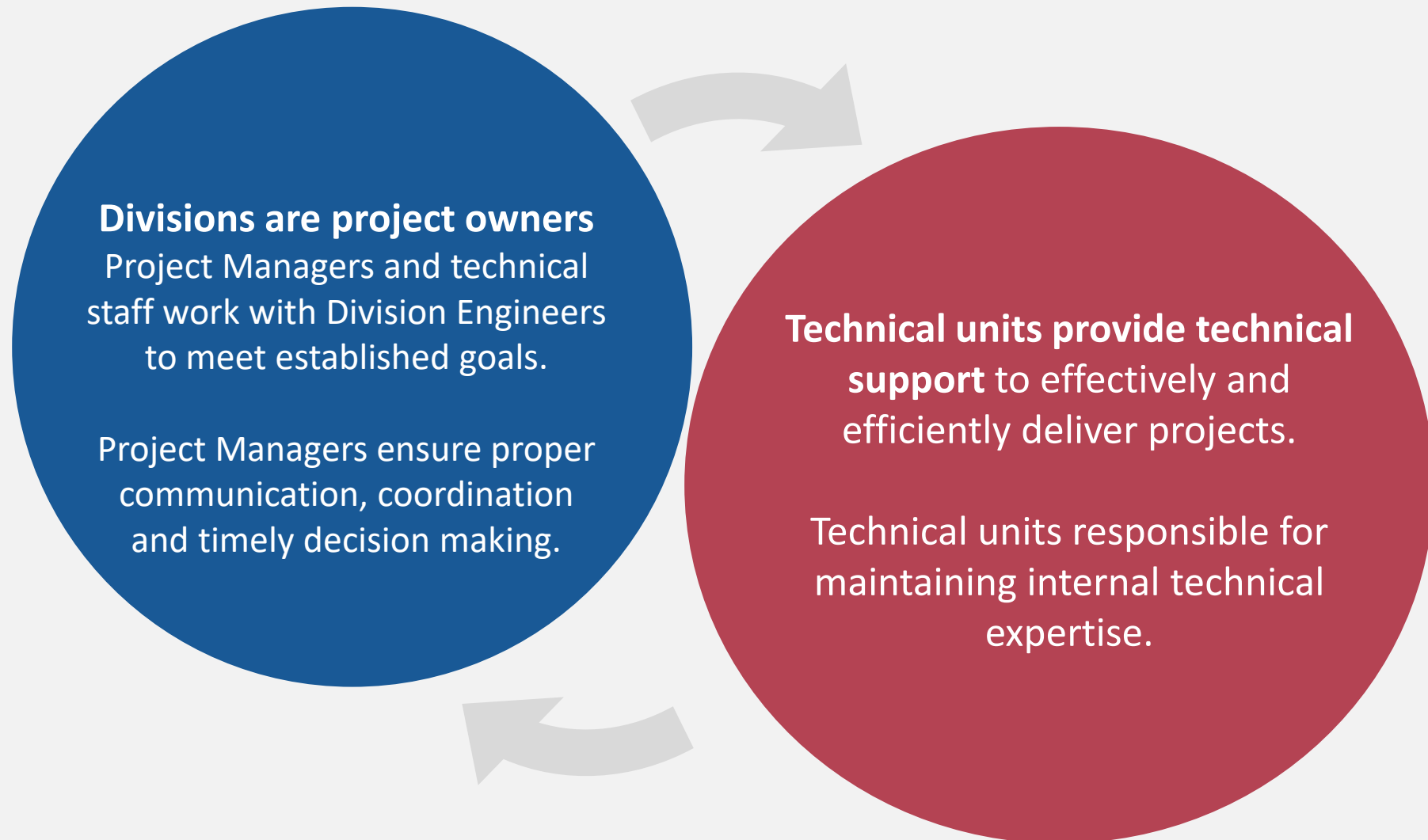
Project Manager focuses on scope, schedule, budget, and quality along with their team



● Represents a team member from a Technical Unit assigned to a project



# How a Matrix Organization Works



# Matrix Organization Provides...

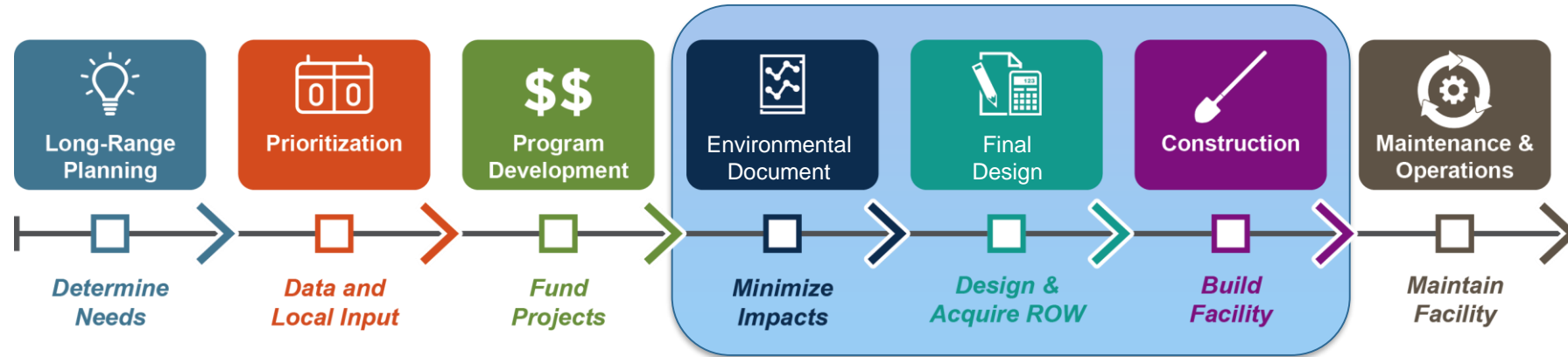




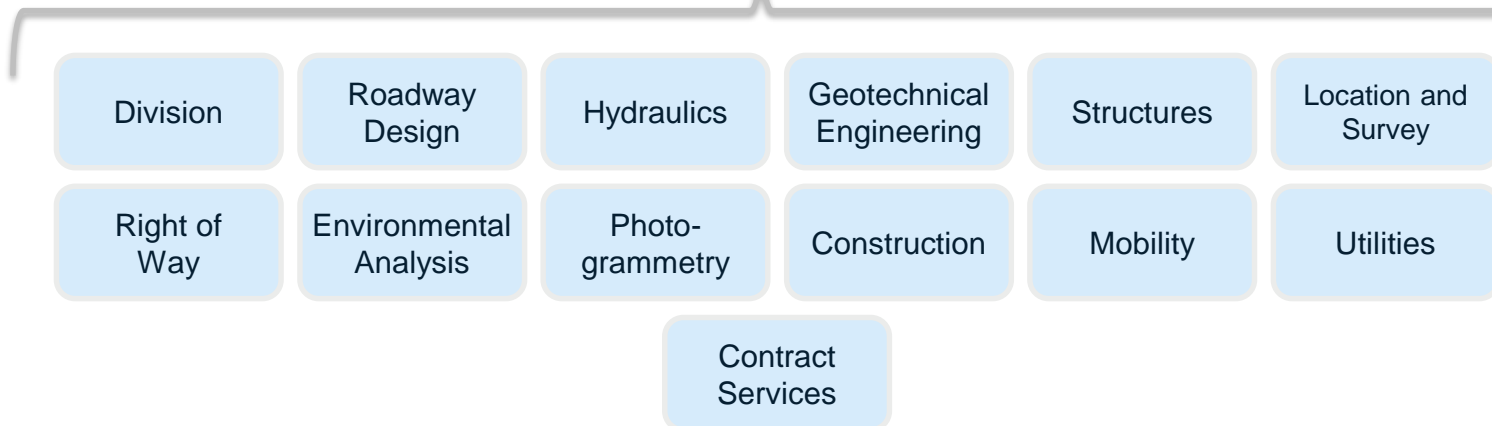
# How Have Roles and Responsibilities Changed?

**Roles & Responsibilities**

# NCDOT Program Delivery



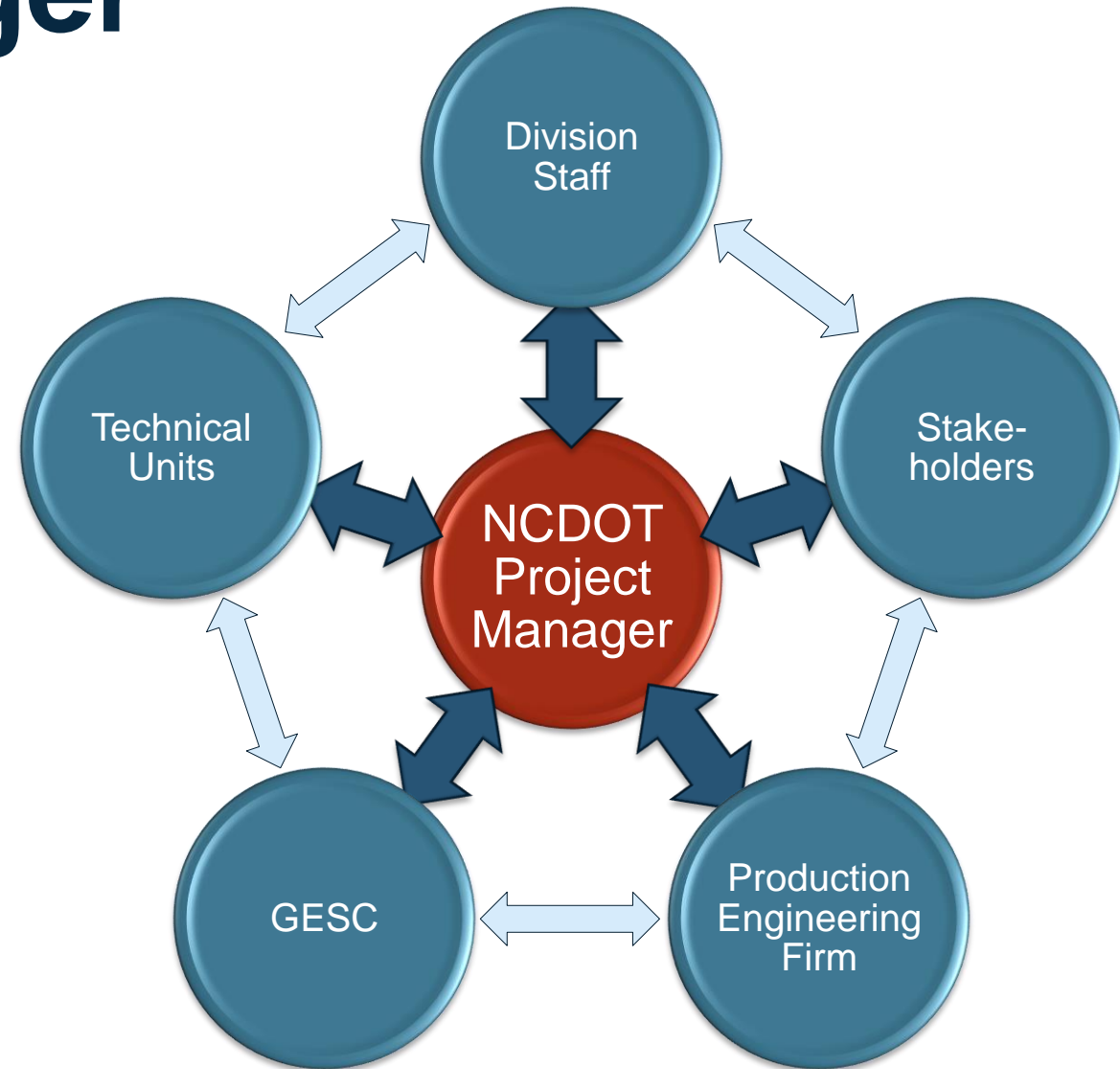
**Project Managers**  
(Constant communication, coordination, and reporting)



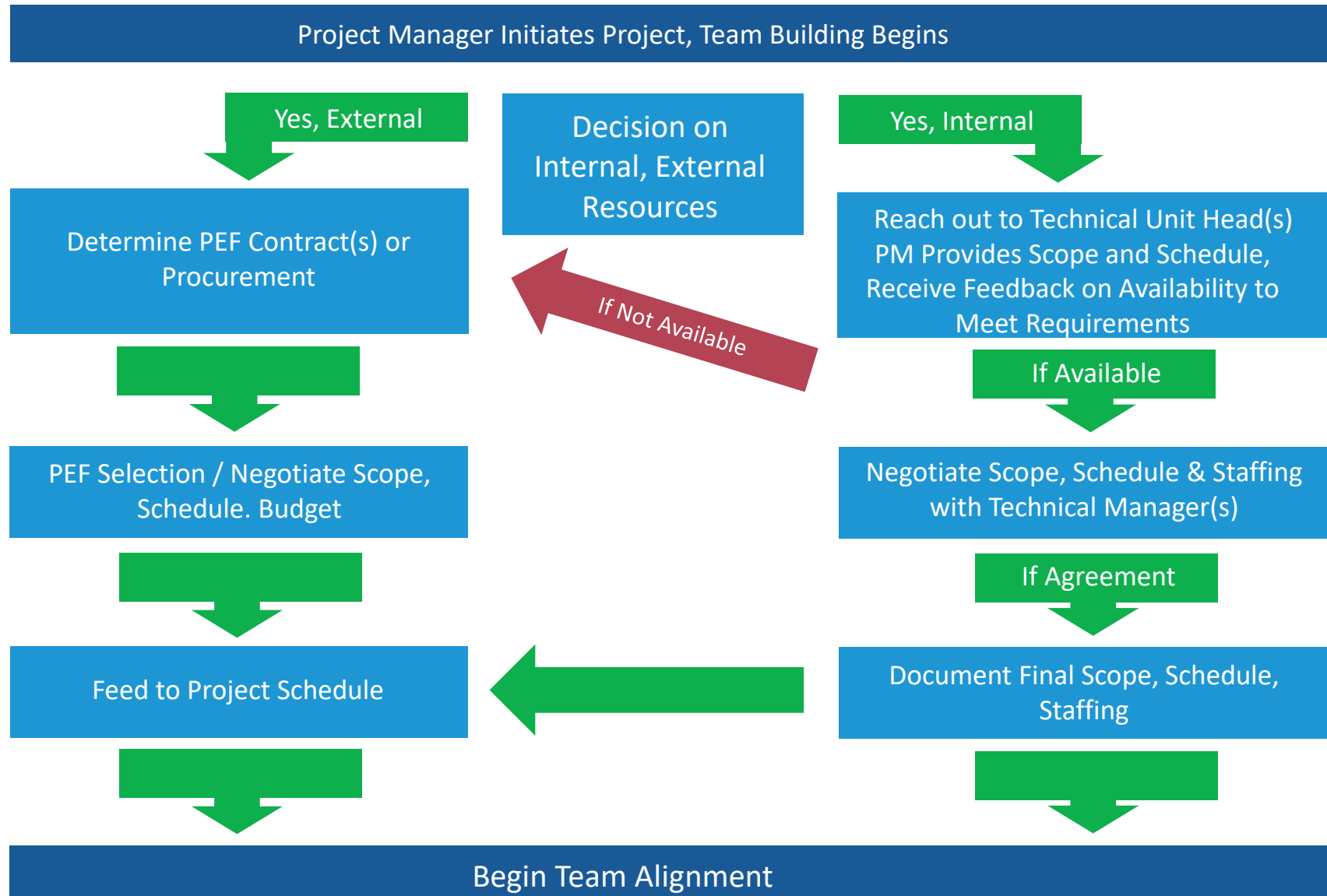
**So Mr. Anderson, you want to be a  
NCDOT Project Manager**



# Project Manager Role



# Building the Team: *"None of us is as smart as all of us."* - Ken Blanchard





# How Will these Concepts Be Implemented?

**Roles & Responsibilities**



# Benefits of a Matrix Organization



# Failure To Implement



# NCDOT Project Management Guiding Principles



**Know your Area of Responsibility**



**Prepare a Project Management Plan**



**Establish Functional and Effective Technical and Stakeholder Teams**



**Manage Project Risks to Scope, Schedule and Budget; Measure Progress; Communicate**



**Document and Communicate Important Decisions and Issues**



**Be Proactive**

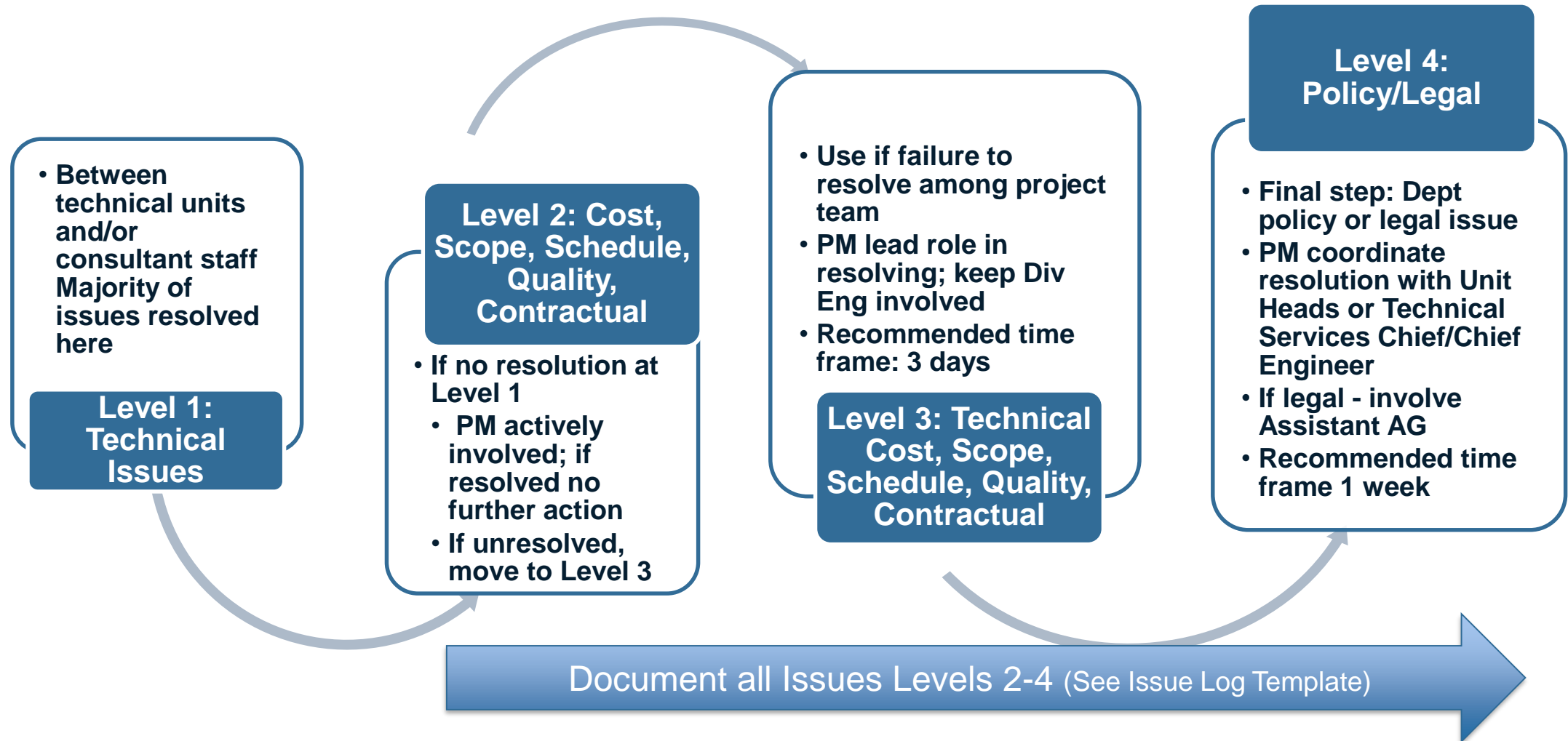


**Ensure Customer Satisfaction**



**Make Decisions**

# NCDOT Issue Resolution Process (Escalation)





# What is Next?

**Roles & Responsibilities**



# ***Roles and Responsibilities Training***

## ***2-Day Project Manager Training***



# The Matrix Has You....





**Thank you!**